bio-protocol Preprint

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Calculating gene correlations with RERconverge

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An abbreviated version of this protocol was published in eLIFE in Oct 2017

Subterranean mammals show convergent regression in ocular genes and enhancers, along with adaptation to tunneling

DOI: 10.7554/eLife.25884

Detailed protocol

Gene-by-environment correlations were calculated with the RERconverge package available on GitHub: https://github.com/nclark-lab/RERconverge

There we provide a full Walk Through of how to use RERconverge to calculate correlations with any trait of interest. This link will take you to the most current version: https://github.com/nclark-lab/RERconverge/wiki/Vignettes

We also provide here the attached pdf of the Walk Through as it is in May 2020. Thanks for your interest.

Related files

RERconvergeAnalysisFullWalkthrough.pdf

How to cite:(Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Chikina, M. and Clark, N. (2020). Calculating gene correlations with RERconverge. Bio-protocol Preprint. bio-protocol.org/prep304.
2. Partha, R., Chauhan, B. K., Ferreira, Z., Robinson, J. D., Lathrop, K., Nischal, K. K., Chikina, M. and Clark, N. L.(2017). Subterranean mammals show convergent regression in ocular genes and enhancers, along with adaptation to tunneling. eLIFE. DOI: 10.7554/eLife.25884

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